IN THE CLAIMS:

Please cancel claims 9-20 without prejudice. Please amend the remaining claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

- 4 encapsulating at least part of the integrated circuit die and a portion of the lead frame
 5 with a plastic or epoxy material; and
- 7 integrated circuit die and over or adjacent to a peripheral upper surface of the plastic or epoxy

folding an unencapsulated portion of the lead frame around sides of the encapsulated

8 material

- 1 2. (unchanged) The method of claim 1, further comprising:
- 2 connecting the portion of the lead frame folded around the sides of the encapsulated
- 3 integrated circuit die and over or adjacent to the peripheral upper surface of the plastic or epoxy
- 4 material to a ground voltage.

1	3. (unchanged) The method of claim 1, wherein the step of encapsulating at least part of the
2	integrated circuit die with a plastic or epoxy material further comprising:
3	after mounting the integrated circuit die on the lead frame, encapsulating exposed
4	surfaces of the integrated circuit die except for a sensing surface; and
5	encapsulating wire bonds connecting the integrated circuit die to portions of the lead
6	frame.
1	4. (unchanged) The method of claim 1, wherein the step of folding a portion of the lead frame
2	around sides of the encapsulated integrated circuit die and over or adjacent to a peripheral upper
3	surface of the plastic or epoxy material further comprising:
4	folding portions of the lead frame around each side of the encapsulated integrated circuit
5	die

3

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1 2

5. (unchanged) The method of claim 1, wherein the step of folding a portion of the lead fram
around sides of the encapsulated integrated circuit die and over or adjacent to a peripheral upper
surface of the plastic or epoxy material further comprising:
folding a first portion of the lead frame around a first side of the encapsulated integrate
circuit die, wherein the first portion includes an opening providing access for a connector to pin
electrically connected to the integrated circuit die.
6. (unchanged) The method of claim 1, wherein the step of folding a portion of the lead fram
around sides of the encapsulated integrated circuit die and over or adjacent to a peripheral upper
surface of the plastic or epoxy material further comprising:
folding portions of the lead frame around edges of the encapsulated integrated circuit di
not including leads electrically connected to the integrated circuit die.

1	7. (unchanged) The method of claim 1, wherein the step of folding a portion of the lead frame
2	around sides of the encapsulated integrated circuit die and over or adjacent to a peripheral upper
3	surface of the plastic or epoxy material further comprising:
1	folding a first portion of the lead frame around a side of the encapsulated integrated
5	circuit die; and
5	folding a second portion of the lead frame extending from the first portion over a
7	peripheral upper surface of the encapsulated integrated circuit die.
i	8. (unchanged) The method of claim 1, wherein the step of folding a portion of the lead frame
2	around sides of the encapsulated integrated circuit die and over or adjacent to a peripheral upper
3	surface of the plastic or epoxy material further comprising:
1	folding a first portion of the lead frame around a side of the encapsulated integrated
5	circuit die; and
5	folding a second portion of the lead frame extending from the first portion adjacent to
7	and level with a peripheral upper surface of the encapsulated integrated circuit die.

21. (unchanged) A method of providing electrostatic discharge protection for an integrated 1 circuit, comprising: 2 3 encapsulating at least part of an integrated circuit die mounted on a lead frame and a 4 portion of the lead frame with a plastic or epoxy material, leaving lead portions and an electrostatic discharge protection portion of the lead frame unencapsulated; and 5 folding the electrostatic discharge protection portion of the lead frame around the 6 7 encapsulated integrated circuit die and over or adjacent to a surface of the plastic or epoxy 8 material. 22. (unchanged) The method of claim 21, wherein the step of encapsulating at least part of an 1 2 integrated circuit die mounted on a lead frame and a portion of the lead frame with a plastic or epoxy material, leaving lead portions and an electrostatic discharge protection portion of the 3 4 lead frame unencapsulated further comprises: 5 forming the plastic or epoxy material over one surface and sidewalls of the integrated circuit die and over portions of a surface of the lead frame on which the integrated circuit die 6 7 is mounted, leaving an opposite surface of the lead frame and the lead portions and the

electrostatic discharge protection portion of the lead frame unencapsulated.

l	23. (unchanged) The method of claim 21, wherein the step of encapsulating at least part of an
2	integrated circuit die mounted on a lead frame and a portion of the lead frame with a plastic of
3 .	epoxy material, leaving lead portions and an electrostatic discharge protection portion of the
‡	lead frame unencapsulated further comprises:
5	leaving a contact surface of the integrated circuit die exposed.
l	24. (unchanged) The method of claim 21, further comprising:
2	mounting the integrated circuit die on a flat lead frame having the lead portions
3	projecting from at least one edge and the electrostatic discharge protection portion projecting
1	from at least one edge.
l	25. (unchanged) The method of claim 24, wherein the electrostatic discharge protection portion
2	of the lead frame projects from an edge other than an edge from which the lead portions project
l	26. (unchanged) The method of claim 24, wherein the electrostatic discharge protection portion
2	of the lead frame projects from an edge from which the lead portions project, the electrostation
3	discharge protection portion extending around the lead portions and beyond ends of the lead

portions.

1	27. (unchanged) The method of claim 24, wherein the electrostatic discharge protection portion
2	of the lead frame projects from at least two opposing edges of the lead frame.
1	28. (unchanged) The method of claim 28, wherein the electrostatic discharge protection portion
2	of the lead frame projects from at least three edges of the lead frame, including one edge from
3	which the lead portions project.
1	29. (unchanged) A method of providing electrostatic discharge protection for an integrated
2	circuit, comprising:
3	forming a flat lead frame having lead portions and an electrostatic discharge protection
4	portion extending from edges thereof;
5	mounting an integrated circuit die on a surface of the lead frame and encapuslating the
6	at least sides of the integrated circuit die and a portion of the lead frame surface on which the
7	integrated circuit die is mounted with an encapsulating material, leaving the lead portions and
8	the electrostatic discharge protection portion of the lead frame projecting beyond the
9	encapsulating material;
10	folding the electrostatic discharge protection portion of the lead frame around one of

11

more sides of the encapsulating material.

ı	30. (unchanged) The method of claim 29, wherein the step of folding the electrostatic discharge
2	protection portion of the lead frame around one or more sides of the encapsulating material
3	further comprises:
4	folding the electrostatic discharge protection portion of the lead frame to extend along
5	the sides of the encapsulating material; and
6	folding the electrostatic discharge protection portion of the lead frame to extend over a
7	periphery of a surface of the encapsulating material opposite the lead frame.
1	31. (unchanged) The method of claim 29, wherein the step of folding the electrostatic discharge
2	protection portion of the lead frame around one or more sides of the encapsulating material
3	further comprises:
4	folding the electrostatic discharge protection portion of the lead frame to extend along
5	the sides of the encapsulating material; and
6	folding the electrostatic discharge protection portion of the lead frame to extend adjacent
7	to a surface of the anonymisting material expenits the land frame

- 32. (unchanged) The method of claim 29, wherein the step of folding the electrostatic discharge
- 2 protection portion of the lead frame around one or more sides of the encapsulating material
- 3 further comprises:
- 4 folding the electrostatic discharge protection portion of the lead frame around at least
- 5 two opposing sides of the encapsulating material.